

To delve or not to delve - Handout

Expressions frequently seen in AI-generated texts

(Source: <https://mpost.io/top-words-detectable-by-ai-detectors/>)

1. Advancement in the realm
2. Aims to bridge
3. Aims to foster innovation and collaboration
4. Becomes increasingly evident
5. Breakthrough has the potential to revolutionize the way
6. Bringing us closer to a future
7. By harnessing the power
8. Continue to make significant strides
9. Continue to push the boundaries
10. Continues to progress rapidly
11. Crucial to be mindful
12. Essential to understand the nuances
13. Exciting opportunities
14. Exciting possibilities
15. Exciting times lie ahead as we unlock the potential of
16. Expanded its capabilities
17. Expect to witness transformative breakthroughs
18. Explore the fascinating world
19. Exploring new frontiers
20. Exploring this avenue
21. Foster the development
22. Groundbreaking way
23. Groundbreaking advancement
24. Groundbreaking study
25. Groundbreaking technology

26. Implications are profound
27. Improved efficiency in countless ways
28. In the fast-paced world
29. Intrinsic differences
30. It remains to be seen
31. It serves as a stepping stone towards the realization
32. Latest breakthrough signifies
33. Let's delve into the exciting details
34. Main message to take away
35. Make informed decisions
36. Navigate the landscape
37. Only time will tell
38. Opens up exciting possibilities
39. Potentially revolutionizing the way
40. Push the boundaries
41. Raise intriguing questions
42. Rapid pace of development
43. Redefine the future
44. Remarkable abilities
45. Remarkable breakthrough
46. Represents a major milestone
47. Represents a significant milestone in the field
48. Revolutionizing the way
49. Understanding of the capabilities
50. Unleashing the potential

Words frequently seen in AI-generated texts

(Source: <https://techbriefly.com/2024/07/11/common-words-in-ai-generated-content/>)

1. Delves
2. Showcasing
3. Underscores
4. Potential
5. Findings
6. Crucial
7. Across
8. Additionally
9. Comprehensive
10. Enhancing
11. Exhibited
12. Insights
13. Notably
14. Particularly
15. Within

Signs of an AI-generated essay

- The grammar is perfect or near perfect
- References and in-text citations are a mess
- Neutrality and political correctness of language
- Unnaturally natural language
- High scores from at least two AI detectors

Signs of a ghost-written essay

- The grammar is perfect or near perfect
- References are mostly in order but a bit unusual (for example: a lot or all of them are from a country outside Asia)
- Unnaturally natural language, which often includes phrasal verbs and idiomatic language
- Assessment guidelines are often ignored

One trick to maybe summon the ghost: Metadata

(File → Info → Properties)

Signs of a pre-written essay

- Country-specific topic (for example: school shootings in the US)
- The grammar is perfect or near perfect
- References are mostly in order but a bit unusual
- Unnaturally natural language, which often includes phrasal verbs and idiomatic language; sophisticated punctuation
- Assessment guidelines are largely ignored

Signs the work is honest

- Presence of fossilized errors in grammatical structures

(subject-verb agreement; singular/plural; present tense when past is needed; present or past participle when infinitive is needed)

- Space before and after a full stop or a comma (which relates to the Chinese language)

Ways to ensure academic integrity

- Maybe have students give presentations before they submit their written assignments?
- Keep a record of first-year students who were suspected of plagiarism; not as evidence, but simply as another indication if they are suspected again.

Ways to encourage integrity






- Know your students, support them, follow their progress
- Have students assess, compete with or reflect on GenAI tools.

Further Reading

Ardito, C. G. (2024). Generative AI detection in higher education assessments. *New Directions for Teaching and Learning*, 1–18. <https://doi.org/10.1002/tl.20624>

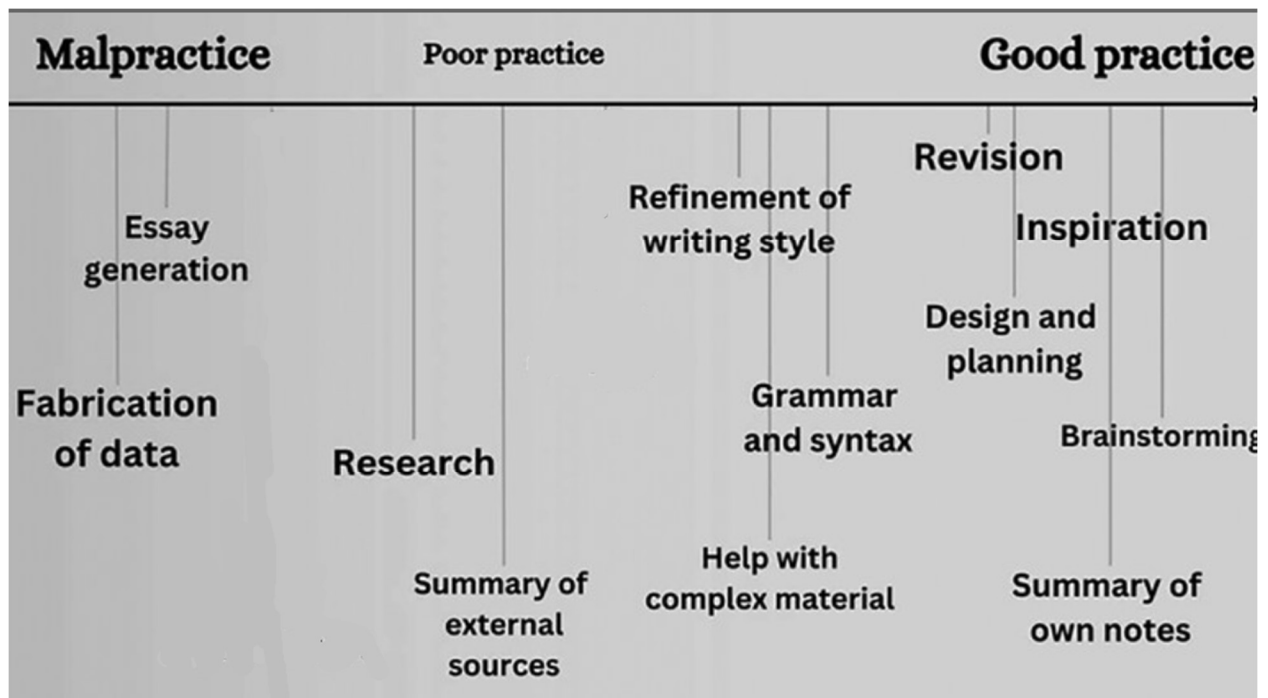
Appendix

AI Detectors – Performance Overview

Tempted by the Delve (and other evil words)	
Originality AI	
QuillBot	
GPTZero	N/A (doesn't even need to be tempted)
CopyLeaks	
Sapling	
Turnitin	

Note: The above table is based on limited research, and it's merely indicative of a trend within that scope.

AI Usage



Ardito, C. G. (2024). Generative AI detection in higher education assessments. *New Directions for Teaching and Learning*, 1–18. <https://doi.org/10.1002/tl.20624>

Post-session (Padlet) feedback

Ways to ensure academic integrity

- Make students aware of the consequences and actions taken by the department if students are suspected of using AI to generate their work.
- Show students the AI index/detector on Turnitin to raise their awareness.
- Oral defence of work (mini vivas).
- Old fashioned in-person pen and paper.
- In-class assignments.
- Oral assignments.
- Localised topics.
- A moderation activity to check students' language proficiency.
- A fill-in-blanks activity to ask the students to fill in the blanks of their original essay.
- Live speaking or in-class closed book writing.
- Provide specific examples.
- Redesign assignments to include evidence of the writing process.

Ways to encourage integrity

- Pre-emptive warnings.
- Assign completion tasks more weight.
- Remind about IELTS exit test to graduate.
- Sense of self satisfaction and pride.
- Reduce student workload.
- Pass/fail.
- Collect samples of student writing done in class as evidence of student writing level.
- Have students present their ideas before they write them.

Signs of dishonesty

- Correct use of articles.
- Correct punctuation.
- Incorrect genre.
- Signs- vagueness and disjointedness.
- Not following guidelines.
- Shorter, less developed paragraphs.
- Fake references.
- Consistently high level of sophistication in collocation.
- Raise student awareness of what is appropriate and inappropriate use of AI tools.

A basic concern throughout

Teacher workload